

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000360

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B02C 7/12, D21D 1/30, D21B 1/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B02C, D21D, D21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 1306775 A (PROEKTNY INSTITUT ESTONSKOGO RESPUBLIKANSKOGO SOVETA MEZHKOLKHOZNYKH STROITELNYKH ORGANIZATSY), 14 February 1973 (14.02.1973), figures 1-11, claims 5,6 --	1-9
A	US 1114339 A (J.G. BRYANT), 20 October 1914 (20.10.1914), page 2, line 47 - line 52, figures 1-5, claims 1-6 --	1-9
A	US 3674217 A (ROLF BERTIL REINHALL), 4 July 1972 (04.07.1972), column 3, line 38 - line 46, figures 1-3, claims 1-13 --	1-9

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

18 October 2004

Date of mailing of the international search report

20 -10- 2004

Name and mailing address of the ISA/

Swedish Patent Office

Box 5055, S-102 42 STOCKHOLM

Facsimile No. +46 8 666 02 86

Authorized officer

Fredrik Andersson/MP

Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000360

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	<p>US 6607153 B1 (LUC GINGRAS), 19 August 2003 (19.08.2003), figure 1, claims 1-14, abstract</p> <p style="text-align: center;">-- -----</p>	1-9

INTERNATIONAL SEARCH REPORT

Information on patent family members

03/09/2004

International application No.

PCT/FI 2004/000360

GB	1306775	A	14/02/1973	NONE		
US	1114339	A	20/10/1914	NONE		
US	3674217	A	04/07/1972	CA	937085 A	20/11/1973
				DE	2130503 A,B,C	17/02/1972
				FR	2103814 A	14/04/1972
				GB	1355971 A	12/06/1974
				JP	54029601 B	25/09/1979
				NO	140276 B,C	23/04/1979
US	6607153	B1	19/08/2003	AU	742531 B	03/01/2002
				AU	9199498 A	14/03/2000
				BR	9815988 A	02/05/2001
				CA	2337636 A	02/03/2000
				DE	69808524 D,T	26/06/2003
				EP	1112123 A,B	04/07/2001
				SE	1112123 T3	
				NO	20010528 A	31/01/2001
				NZ	509650 A	26/09/2003
				WO	0010710 A	02/03/2000